

**Clean Copy of Amended Claims 1, 3, 5, 9 and 10**

Sub E<sup>1</sup> 1 (three times amended). A mouse comprising a genome comprising a) exactly one functional elastin gene and b) either one mouse elastin gene comprising a null mutation or no second elastin gene.

Sub E<sup>2</sup> 3 (three times amended). A mouse cell comprising a genome comprising a) exactly one functional elastin gene and b) one mouse elastin gene comprising a null mutation or no second elastin gene.

Sub E<sup>3</sup> 5 (twice amended). A method to screen for drug candidates useful for treating humans with SVAS, hypertension or atherosclerosis or useful for preventing atherosclerosis in humans, said method comprising administering said drugs to an *ELN* +/- mouse or human, wherein said *ELN* +/- mouse or human comprises a genome with a) exactly one functional elastin gene and b) either one elastin gene comprising a null mutation or no second elastin gene, wherein drugs which inhibit occlusion of arteries in said organism are said drug candidates.

Sub E<sup>3</sup> 9 (twice amended). A method to screen for a drug candidate useful for treating atherosclerosis, hypertension or SVAS in a human, said method comprising treating an *ELN* +/- mouse or human or *ELN* +/- mouse or human cells, wherein said *ELN* +/- mouse or human or mouse or human cells comprise a genome with a) exactly one functional elastin gene and b) either one elastin gene comprising a null mutation or no second elastin gene, with drugs and measuring synthesis of elastin RNA wherein a drug which increases synthesis of elastin RNA in said organisms or in said cells is said drug candidate.

10 (amended). A method to screen for a drug candidate useful for treating atherosclerosis, hypertension or SVAS in a human, said method comprising treating *ELN* +/- mice or *ELN* +/- mouse cells, wherein said *ELN* +/- mice or mouse cells comprise a genome with a) exactly one functional elastin gene and b) either one elastin gene comprising a null mutation or no second elastin gene, with

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04 drugs and measuring synthesis of elastin wherein a drug which increases synthesis of elastin is said drug candidate.

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